

ABSTRACT

A compressor assembly including a compression mechanism having a main bearing and a plurality of first pilot holes, and an electric motor comprising a rotor disposed within a stator. The stator has a plurality of second and third pilot holes. Each of the first pilot holes are aligned with one of the second pilot holes. Alignment members are disposed within each pair of aligned first and second pilot holes, whereby the alignment of compression mechanism and stator is maintained. An outboard bearing is secured to the stator, has a plurality of fourth pilot holes and rotatably supports the drive shaft. Each of third pilot holes is aligned with one of the fourth pilot holes. Alignment members are disposed within each pair of third and fourth pilot holes, whereby the alignment of the compression mechanism, the stator and the outboard bearing is maintained.